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## UTILITY **PATENT APPLICATION TRANSMITTAL**

|                     |                                      | _ | The state of the s |  |  |  |  |
|---------------------|--------------------------------------|---|--|--|--|--|--|
| Attorney Docket No. |                                      | 1 | 1100.8   |  |  |  |  |
| First Inventor      |                                      | ١ | William J. Usab  |  |  |  |  |
| _Title_             | Apparatus And Method For Enhancing L |   |  |  |  |  |  |
|                     |                                      |   | FURFERDE LAGUE   |  |  |  |  |

| (Only for new nonprovisional applications under 37 CFR 1.53(b))  | Express Mail Label No. EU255665442US   |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| APPLICATION ELEMENTS   | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application  |  |  |  |  |  |  |
| See MPEP chapter 600 concerning utility patent application contents.   | Washington, DC 20231   |  |  |  |  |  |  |
| 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant Claims small entity status.   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  Computer Readable Form (CRF) |  |  |  |  |  |  |
| See 37 CFR 1.27.  Specification [Total Pages 34 ]  Descriptive title of the invention  Cross Reference to Related Applications  Statement Regarding Fed sponsored R & D  Reference to sequence listing, a table,   | b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  |  |  |  |  |  |  |
| or a computer program listing appendix - Background of the Invention   | i i paper c Statements verifying identity of above copies  |  |  |  |  |  |  |
| - Brief Summary of the Invention   |  |  |  |  |  |  |  |
| <ul> <li>Brief Description of the Drawings (if filed)</li> <li>Detailed Description</li> </ul>   | ACCOMPANYING APPLICATION PARTS   |  |  |  |  |  |  |
| - Claim(s)   | 9. Assignment Papers (cover sheet & document(s))   |  |  |  |  |  |  |
| - Abstract of the Disclosure   | 10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney   |  |  |  |  |  |  |
| 4. Drawing(s) (35 U.S.C. 113) [ Total Sheets 6 ]   | 11 English Translation Document (if applicable)  Information Disclosure Copies of IDS  |  |  |  |  |  |  |
| 5. Oath or Declaration [Total Pages 1 ]  | Statement (IDS)/PTO-1449 Citations   |  |  |  |  |  |  |
| a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)   | 13. Preliminary Amendment  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |  |  |  |  |  |  |
| i. DELETION OF INVENTOR(S)   | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  |  |  |  |  |  |  |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35  |  |  |  |  |  |  |
| 6. Application Data Sheet. See 37 CFR 1.76   | or its equivalent.  17. Other:   |  |  |  |  |  |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and suppor in an Application Data Sheet under 37 CFR 1.76:   | ly the requisite information below and in a preliminary amendment,   |  |  |  |  |  |  |
| Continuation Divisional Continuation-in-part (CIP)   | of prior application No.:/   |  |  |  |  |  |  |
| Prior application information: Examiner:   | Group Art Unit:  |  |  |  |  |  |  |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accorder o |  |  |  |  |  |  |  |
| 19. COKKESPONDE  | CE ADDRESS   |  |  |  |  |  |  |
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| Name (Print/Type) David M. Quinlan   | Registration No. (Attorney/Agent) 26,641   |  |  |  |  |  |  |
| Signature Saudwill   | Date 07/25/2003  |  |  |  |  |  |  |

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## FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

| TOTAL | AMOUNT | OF PA          | AYMENT |  |
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|----------------------|----------------------|--|--|--|
| Application Number   |                      |  |  |  |
| Filing Date          | July 25, 2003        |  |  |  |
| First Named Inventor | William J. Usab, Jr. |  |  |  |
| Examiner Name        |                      |  |  |  |
| Art Unit             |                      |  |  |  |
| Attorney Docket No.  | _1100.8              |  |  |  |

| METHOD OF PAYMENT (check all that apply)  |  |              | FEE CALCULATION (continued) |  |             |  |              |
|---|--|--------------|-----------------------------|--|-------------|--|--------------|
| Check Credit card Money Other None  |  |              | 3. ADDITIONAL FEES          |  |             |  |              |
| Deposit Account:  |  |              | Large Entity   Small Entity |  |             |  |              |
| Deposit   | [  | Fee<br>Code  | Fee<br>(\$)                 | Fee<br>Code  | Fee<br>(\$) | Fee Description  | Fee Paid     |
| Account<br>Number   | 50-0409  | 1051         | 130                         | 2051   | 65          | Surcharge - late filing fee or oath                            |              |
| Deposit<br>Account<br>Name  | David M. Quinlan, P.C.   | 1052         | 50                          | 2052   | 25          | Surcharge - late provisional filing fee or cover sheet         |              |
|   | ioner is authorized to: (check all that apply)                           | 1053         | 130                         | 1053   | 130         | Non-English specification                                      | <b> </b>     |
| Charge fee(s) indicated below Credit any overpayments                                   |  |              | 2,520                       |  | 2,520       | For filing a request for ex parte reexamination                | <del> </del> |
| Charge any  | additional fee(s) during the pendency of this application                | n 1804       | 920*                        | 1804   | 920*        | Requesting publication of SIR prior to<br>Examiner action      |              |
| · -   | (s) indicated below, except for the filing fee entified deposit account. | 1805         | 1,840*                      | 1805   | 1,840*      | Requesting publication of SIR after Examiner action            |              |
|   | FEE CALCULATION  | 1251         | 110                         | 2251   | 55          | Extension for reply within first month                         |              |
| 1. BASIC F  |  | 1252         | 400                         | 2252   | 200         | Extension for reply within second month                        |              |
| Large Entity S  | Small Entity   | 1253         | 920                         | 2253   | 460         | Extension for reply within third month                         | <u> </u>     |
|   | Fee Fee Fee Description Fee Paid   | 1254         | 1,440                       | 2254   | 720         | Extension for reply within fourth month                        |              |
|   | 2001 370 Utility filing fee  | 1255         | 1,960                       | 2255   | 980         | Extension for reply within fifth month                         |              |
| 1002 330  | 2002 165 Design filing fee \$375   | 1401         | 320                         | 2401   | 160         | Notice of Appeal   |              |
| 1003 510  | 2003 255 Plant filing fee  | 1402         | 320                         | 2402   | 160         | Filing a brief in support of an appeal                         | <b></b>      |
| 1004 740  | 2004 370 Reissue filing fee  | 1403         | 280                         | 2403   | 140         | Request for oral hearing                                       | <u> </u>     |
| 1005 160  | 2005 80 Provisional filing fee   | 1451         | 1,510                       | 1451   | 1,510       | Petition to institute a public use proceeding                  |              |
| SUBTOTAL (1) (\$) 375   |  |              | 110                         | 2452   | 55          | Petition to revive - unavoidable                               |              |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   |  |              | 1,280                       | 2453   | 640         | Petition to revive - unintentional                             |              |
| Z. EXTRA  | Fee from   | . 150+       | 1,280                       | 2501   | 640         | Utility issue fee (or reissue)                                 |              |
| Total Claims 20 -20** = 0 x \$9 = 0   |  | 31           |                             | 2502   |             | Design issue fee   |              |
| Independent   | $2 - 3^{**} = 0 \times \$42 = 0$   | 1503<br>1460 | 620<br>130                  | 2503<br>1460   |             | Plant issue fee Petitions to the Commissioner                  |              |
| Claims 2 - 3 = 0 - 42 4 - 0   Multiple Dependent 0 = 0                                  |  | 1807         | 50                          | 1807   | 50          | Processing fee under 37 CFR 1.17(q)                            |              |
| Large Entity   Small Entity   |  |              | 180                         | 1806   | 180         | Submission of Information Disclosure Stmt                      |              |
| Fee Fee   | Fee Fee Fee Description  | 1806         |                             |  |             | Recording each patent assignment per                           |              |
| Code (\$)<br>1202 18  | Code (\$)  2202 9 Claims in excess of 20                                 | 8021         | 40                          | 8021   | 40          | property (times number of properties)                          | <u> </u>     |
| 1202 16   | 2201 42 Independent claims in excess of 3                                | 1809         | 740                         | 2809 370 Filing a submission after final rejection (37 CFR 1.129(a)) |             |  |              |
| 1203 280  | 2203 140 Multiple dependent claim, if not paid                           | 1810         | 740                         | 2810   | 370         | For each additional invention to be examined (37 CFR 1.129(b)) |              |
| 1204 84   | 2204 42 ** Reissue independent claims<br>over original patent            | 1801         | 740                         | 2801   | 370         |  |              |
| 1205 18   | 2205 9 ** Reissue claims in excess of 20 and over original patent        | 1802         | 900                         | 1802   | 900         | Request for expedited examination of a design application      |              |
| , in the second   |  |              | Other fee (specify)         |  |             |  | <u> </u>     |
| SUBTOTAL (2) (\$) 375  **or number previously paid, if greater; For Reissues, see above |  |              | uced by                     | / Basic  | Filing F    | Fee Paid SUBTOTAL (3) (\$)                                     |              |
| SUBMITTED BY  |  |              |                             |  |             | (Complete (if applicable)                                      |              |

Registration No. Telephone Name (Print/Type) 609-921-8660 (Attorney/Agent) Date July 25, 2003 Signature

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and by Suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.